

5:4 Rec'd PCT/PTO 1 8 OCT 1999

FORM-PTO-1390  
(Rev. 10-96)

DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

003300-589

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

Unassigned

09/403269

INTERNATIONAL APPLICATION NO.  
PCT/SE98/00703INTERNATIONAL FILING DATE  
17 April 1998PRIORITY DATE CLAIMED  
18 April 1997

## TITLE OF INVENTION

DNA SEQUENCE CODING FOR A MAMMALIAN GLUCURONYL C5-EPIMERASE AND A PROCESS FOR ITS PRODUCTION

## APPLICANT(S) FOR DO/EO/US

Ulf Lindahl and Jin-ping Li

**It is contemplated that this Application be prosecuted using Claims 1 to 8 as submitted on May 25, 1999 during the international phase of prosecution and as further amended in the Preliminary Amendment filed herewith.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and the PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

International Preliminary Examination Report

Response to Written Opinion filed May 25, 1999 with amended claims

A certified copy of the priority applications, Sweden Patent Application No. 9701454-2, filed 18 April 1997, was duly filed in connection with PCT/SE98/00703 and was received by DO/EO/US. Thus, it is believed that the priority claim has been properly substantiated.

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U.S. APPLICATION NO. 09/4069  
UnassignedINTERNATIONAL APPLICATION NO.  
PCT/SE98/00703ATTORNEY'S DOCKET NUMBER  
003300-58917. ☒ The following fees are submitted:

CALCULATIONS

PTO USE ONLY

**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO ..... \$840.00 (970)

International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$670.00 (956)

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$760.00 (958)

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00 (960)

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$96.00 (962)

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 970.00

Surcharge of \$130.00 (154) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). 20 ☐ 30

\$ 0.00

| Claims                                      | Number Filed | Number Extra | Rate            |         |  |
|---|--------------|--------------|-----------------|---------|--|
| Total Claims                                | 20 -20 =     | 0            | X\$18.00 (966)  | \$ 0.00 |  |
| Independent Claims                          | 1 -3 =       | 0            | X\$78.00 (964)  | \$ 0.00 |  |
| Multiple dependent claim(s) (if applicable) |              |              | + \$260.00(968) | \$ 0.00 |  |

**TOTAL OF ABOVE CALCULATIONS =**

\$ 970.00

Reduction for 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$ 0.00

**SUBTOTAL =**

\$ 970.00

Processing fee of \$130.00 (156) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). 20 ☐ 30

\$ 0.00

**TOTAL NATIONAL FEE =**

\$ 970.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). per property +

\$ 0.00

**TOTAL FEES ENCLOSED =**

\$ 970.00

|               |    |
|---------------|----|
| Amount to be: |    |
| refunded      | \$ |
| charged       | \$ |

- a. ☒ A check in the amount of \$ 970.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Benton S. Duffett, Jr.  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

*Benton S. Duffett Jr.*  
SIGNATURE

Benton S. Duffett, Jr.  
NAME

22,030  
REGISTRATION NUMBER